

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-38. (canceled)

39. (currently amended) [[A]] an isolated polypeptide originating from a malaria erythrocyte membrane protein of the sequence according to comprising amino acids 1-415 of SEQ ID NO:1 and comprises domain Duffy-binding-like domain-1 (DBL-1), [[and]] said polypeptide binds to a negatively charged heparan sulfate and heparan sulfate-like molecule, and wherein SEQ ID NO:1 is a plasmodium erythrocyte membrane protein (PfEMP1) polypeptide.

40-41. (canceled)

42. (previously presented) A recombinant fusion protein comprising a polypeptide according to claim 39.

43. (previously presented) A composition, comprising the polypeptide according to claim 39 and a carrier.

44. (currently amended) A composition comprising an isolated polypeptide ~~originating from a malaria erythrocyte membrane protein of the sequence according to~~ comprising amino acids 79-415 of SEQ ID NO: 1, ~~wherein said malaria erythrocyte membrane protein comprising domain~~ and Duffy-binding-like domain-1 (DBL-1), [[and]] wherein said polypeptide binds to a negatively charged heparan sulfate and heparan sulfate-like molecule, and

wherein SEQ ID NO:1 is a plasmodium erythrocyte membrane protein (PfEMP1) polypeptide.

45. (previously presented) The composition according to claim 44, further comprising a carrier.

46. (currently amended) [[A]] An isolated polypeptide originating from a malaria erythrocyte membrane protein of the sequence according to comprising amino acids 79-415 of SEQ ID NO: 1 comprising domain and Duffy-binding-like domain-1 (DBL-1), and wherein said polypeptide binds to a negatively charged heparan sulfate and heparan sulfate-like molecule, and wherein SEQ ID NO:1 is a plasmodium erythrocyte membrane protein (PfEMP1) polypeptide.

47-51. (canceled)

52. (previously presented) A recombinant fusion protein comprising a polypeptide according to claim 46.

53. (currently amended) [[A]] An isolated polypeptide comprising SEQ ID NO: 1.

54. (currently amended) [[A]] An isolated polypeptide consisting of SEQ ID NO: 1.

55. (currently amended) [[A]] An isolated polypeptide comprising amino acids 79-415 of SEQ ID NO: 1, and wherein SEQ ID NO:1 is a plasmodium erythrocyte membrane protein (PfEMP1) polypeptide.

56. (currently amended) [[A]] An isolated polypeptide consisting of amino acids 79-415 of SEQ ID NO: 1, and wherein SEQ

ID NO:1 is a plasmodium erythrocyte membrane protein (PfEMP1)  
polypeptide.

57. (new) The isolated polypeptide according to claim 55, wherein said polypeptide binds to a negatively charged heparan sulfate and heparan sulfate-like molecule.

58. (new) The isolated polypeptide according to claim 56, wherein said polypeptide binds to a negatively charged heparan sulfate and heparan sulfate-like molecule.